



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 5298

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation Formation MISSISSIPPI Eff. Pay Ft.

District St. BEND Date FEB. 6, 1980 Customer Order No.

COMPANY NAME PARRISH & H-30

ADDRESS 110 N. Market Suite 201 Wichita WICHITA, KS 67202

LEASE AND WELL NO. MAIER #2 COUNTY NESS STATE KS Sec. 18 Twp 20S Rge 21W

Mail Invoice To SAME Co. Name Address No. Copies Requested 5

Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 4365 ft. to 4376 ft. Total Depth 4376 ft.

Packer Depth 4365 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4360 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4372 ft. Recorder Number 10265 Cap. 4680

Bottom Recorder Depth (Outside) 4376 ft. Recorder Number 6077 Cap. 4700

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor H-30 RIG 2 Drill Collar Length I. D. in.

Mud Type SALT-MUD Viscosity 50 Weight Pipe Length 125 I. D. 2.7 in.

Weight 9.7 Water Loss cc. Drill Pipe Length 4219 I. D. 3.8 in.

Chlorides P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.

Jars: Make Serial Number Anchor Length 11 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 in.

Blow: 1 SEFLOW STRONG BLOW OPENED 2" CAME BACK AS WEAK BLOW

2 SEFLOW NO BLOW

Recovered 300 ft. of DRUG. MUD

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: PACKER FAILED ON IF COULD NOT GIVE IF ON IST. Reading

BOTTOM RECORDER CLOCK STOPPED

Time Set Packer(s) 4:40 AM/PM Time Started Off Bottom 7:10 AM/PM Maximum Temperature 112°

Initial Hydrostatic Pressure (A) 2205 P.S.I.

Initial Flow Period Minutes 30 (B) P.S.I. to (C) P.S.I.

Initial Closed In Period Minutes 60 (D) P.S.I.

Final Flow Period Minutes 30 (E) 172 P.S.I. to (F) 115 P.S.I.

Final Closed In Period Minutes 30 (G) 832 P.S.I.

Final Hydrostatic Pressure (H) 2205 P.S.I.

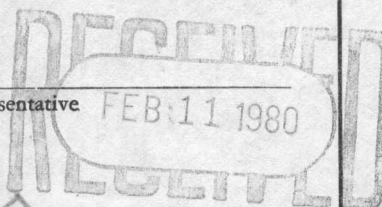
COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By: Dan Brething Signature of Customer or his authorized representative

Western Representative Dan Delaney



FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, and TOTAL \$275.00.

WESTERN TESTING CO., INC.

Pressure Data

Date 2-6-80 Recorder No. 10265 Capacity 4650 Test Ticket No. 5298 Location 4372 Ft.
 Clock No. _____ Elevation _____ Well Temperature 112 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2255</u>	P.S.I.	<u>4:40</u>	<u>AM</u>
B First Initial Flow Pressure	<u>164</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>164</u>	P.S.I.	<u>60</u>	<u>54</u> Mins.
D Initial Closed-in Pressure	<u>970</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>180</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
F Second Final Flow Pressure	<u>166</u>	P.S.I.		
G Final Closed-in Pressure	<u>833</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2220</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 18 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>164</u>	0	<u>164</u>	0	<u>180</u>	0	<u>166</u>
P 2 5	PALKAR FAILURE	3	<u>389</u>	5	<u>177</u>	3	<u>124</u>
P 3 10		6	<u>406</u>	10	<u>175</u>	6	<u>175</u>
P 4 15		9	<u>417</u>	15	<u>166</u>	9	<u>635</u>
P 5 20		12	<u>426</u>	20		12	<u>684</u>
P 6 25		15	<u>442</u>	25		15	<u>716</u>
P 7 30		<u>164</u>	18	<u>456</u>	30	<u>166</u>	18
P 8 35		21	<u>470</u>	35		21	<u>791</u>
P 9 40		24	<u>486</u>	40		24	<u>805</u>
P10 45		27	<u>500</u>	45		27	<u>821</u>
P11 50		30	<u>549</u>	50		30	<u>833</u>
P12 55		33	<u>635</u>	55		33	
P13 60		36	<u>686</u>	60		36	
P14		39	<u>744</u>	65		39	
P15		42	<u>751</u>	70		42	
P16		45	<u>770</u>	75		45	
P17		48	<u>956</u>	80		48	
P18		51	<u>960</u>	85		51	
P19		54	<u>970</u>	90		54	
P20		57				57	
		60				60	

Company Parrish Oil Company & H-30, Inc. Lease & Well No. Maier #2
 Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 5298
 Date 2/6/80 Sec. 18 Twp. 20S Range 21W County Ness State Kansas
 Test Approved by Dean Britting Western Representative Dan Delaney

Formation Test No. 1 Interval Tested from 4365 to 4376 Total Depth 4376 ft.
 Packer Depth 4365 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4360 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4372 ft. Recorder Number 10265 Cap. 4650
 Bottom Recorder Depth (Outside) 4376 ft. Recorder Number 6077 Cap. 4700
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor H-30 Drilling Rig #2 Drill Collar Length -- I. D. -- in.
 Mud Type salt-My-loviscosity gel 50 Weight Pipe Length 125 I. D. 2.7 in.
 Weight 9.7 Water Loss -- cc. Drill Pipe Length 4219 I. D. 3.8 in.
 Chlorides ----- P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.
 Jars: Make -- Serial Number - Anchor Length 11 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: First flow strong blow ; opened 2" came back as weak blow. Second flow no blow.

Recovered 300 ft. of drilling mud
 Recovered ft. of MISRUN
 Recovered ft. of -----
 Recovered ft. of -----
 Recovered ft. of -----

Remarks: PACKER FAILED ON INITIAL FLOW. COULD NOT FIVE INITIAL FLOW OR INITIAL SHUT-IN READING. BOTTOM RECORDER CLOCK STOPPED.

Time Set Packer(s) 4:40 A.M. / P.M. Time Started Off Bottom 7:10 A.M. / P.M. Maximum Temperature 112°
 Initial Hydrostatic Pressure (A) 2255 P.S.I.
 Initial Flow Period Minutes 30 (B) 164 P.S.I. to (C) 164 P.S.I.
 Initial Closed In Period Minutes 54 (D) 970 P.S.I.
 Final Flow Period Minutes 30 (E) 180 P.S.I. to (F) 166 P.S.I.
 Final Closed In Period Minutes 30 (G) 833 P.S.I.
 Final Hydrostatic Pressure (H) 2220 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 2/6/80 Test Ticket No. 5298
 Recorder No. 10265 Capacity 4650 Location 4372 Ft.
 Clock No. ----- Elevation ----- Well Temperature 112 °F

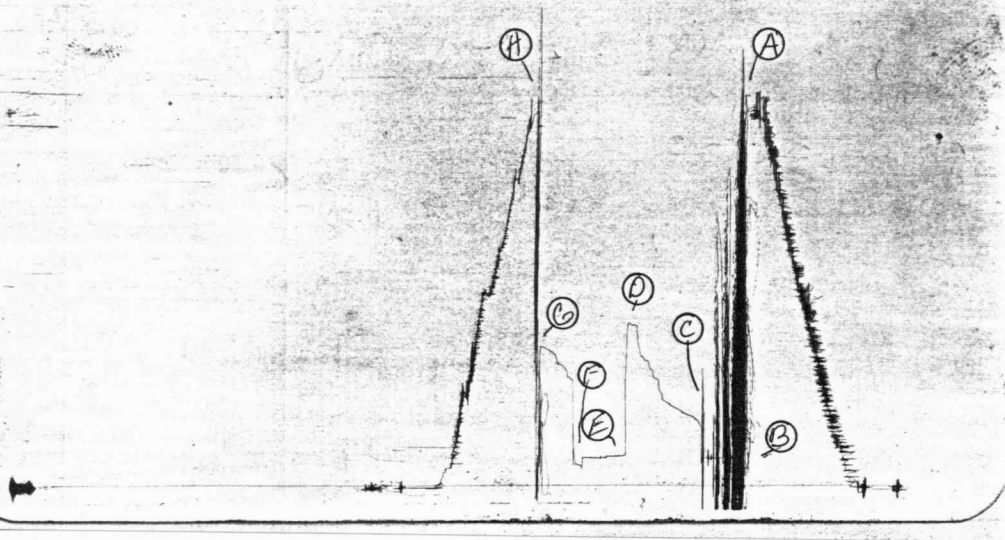
Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	2255	P.S.I.	Open Tool	4:40A	M
B First Initial Flow Pressure	164	P.S.I.	First Flow Pressure	30	Mins. 30 Mins.
C First Final Flow Pressure	164	P.S.I.	Initial Closed-in Pressure	60	Mins. 54 Mins.
D Initial Closed-in Pressure	970	P.S.I.	Second Flow Pressure	30	Mins. 30 Mins.
E Second Initial Flow Pressure	180	P.S.I.	Final Closed-in Pressure	30	Mins. 30 Mins.
F Second Final Flow Pressure	166	P.S.I.			
G Final Closed-in Pressure	833	P.S.I.			
H Final Hydrostatic Mud	2220	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>164</u>	<u>0</u>	<u>164</u>	<u>0</u>	<u>180</u>	<u>0</u>	<u>166</u>
P 2 <u>5</u> Packer Failure		<u>3</u>	<u>389</u>	<u>5</u>	<u>177</u>	<u>3</u>	<u>124</u>
P 3 <u>10</u> Packer Failure		<u>6</u>	<u>406</u>	<u>10</u>	<u>175</u>	<u>6</u>	<u>175</u>
P 4 <u>15</u> Packer Failure		<u>9</u>	<u>417</u>	<u>15</u>	<u>166</u>	<u>9</u>	<u>635</u>
P 5 <u>20</u> Packer Failure		<u>12</u>	<u>426</u>	<u>20</u>	<u>166</u>	<u>12</u>	<u>684</u>
P 6 <u>25</u> Packer Failure		<u>15</u>	<u>442</u>	<u>25</u>	<u>166</u>	<u>15</u>	<u>716</u>
P 7 <u>30</u>	<u>164</u>	<u>18</u>	<u>456</u>	<u>30</u>	<u>166</u>	<u>18</u>	<u>726</u>
P 8		<u>21</u>	<u>470</u>			<u>21</u>	<u>791</u>
P 9		<u>24</u>	<u>486</u>			<u>24</u>	<u>805</u>
P10		<u>27</u>	<u>500</u>			<u>27</u>	<u>821</u>
P11		<u>30</u>	<u>549</u>			<u>30</u>	<u>833</u>
P12		<u>33</u>	<u>635</u>				
P13		<u>36</u>	<u>686</u>				
P14		<u>39</u>	<u>744</u>				
P15		<u>42</u>	<u>751</u>				
P16		<u>45</u>	<u>770</u>				
P17		<u>48</u>	<u>956</u>				
P18		<u>51</u>	<u>960</u>				
P19		<u>54</u>	<u>970</u>				
P20							

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 5299

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 838-0601

Elevation Formation MISSISSIPPI Eff. Pay Ft.

District GT. BEND Date 2-6-80 Customer Order No.
COMPANY NAME PARRISH & H-30
ADDRESS 110 N. Market St Suite 201 - Wichita, Ks.
LEASE AND WELL NO. MAIER #2 COUNTY NESS STATE KS Sec. 18 Twp 20S Rge 21W
Mail Invoice To SAME Co. Name Address No. Copies Requested 5
Mail Charts To SAME Address No. Copies Requested 5

Formation Test No. 2 Interval Tested from 4368 ft. to 4388 ft. Total Depth 4388 ft.
Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4363 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 4384 ft. Recorder Number 10265 Cap. 4650
Bottom Recorder Depth (Outside) 4388 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor H-30 RIG #2 Drill Collar Length I. D. in.
Mud Type SALT-MY-10-SEA Viscosity 46 Weight Pipe Length 125 I. D. 2.7 in.
Weight 9.6 Water Loss 12.1 cc. Drill Pipe Length 4222 I. D. 3.8 in.
Chlorides P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.
Jars: Make Serial Number Anchor Length 20 ft. Size 5 1/2 in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 in.

Blow: 1st FLOW STRONG BLOW DECREASING TO A WEAK BLOW
2nd FLOW GOOD BLOW DECREASING TO A WEAK BLOW

Recovered 270 ft. of DRAG MUD
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks: PLUGGED ANCHOR

Time Set Packer(s) 7:45 A.M. Time Started Off Bottom 9:45 A.M. Maximum Temperature 110°
Initial Hydrostatic Pressure (A) P.S.I.
Initial Flow Period Minutes 30 (B) P.S.I. to (C) P.S.I.
Initial Closed In Period Minutes 30 (D) P.S.I.
Final Flow Period Minutes 30 (E) P.S.I. to (F) P.S.I.
Final Closed In Period Minutes 30 (G) P.S.I.
Final Hydrostatic Pressure (H) P.S.I.

COMPANY TERMS

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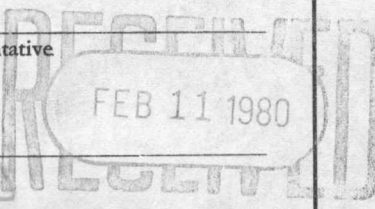
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Dan Britton
Signature of Customer or his authorized representative

Western Representative Dan Delaney

FIELD INVOICE

Open Hole Test \$
Misrun \$ 275.00
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
TOTAL \$ 275.00



WESTERN TESTING CO., INC.

Pressure Data

Date 2-6-80 Test Ticket No. 5299
 Recorder No. 10265 Capacity 4650 Location 4384 Ft.
 Clock No. _____ Elevation _____ Well Temperature 110 °F

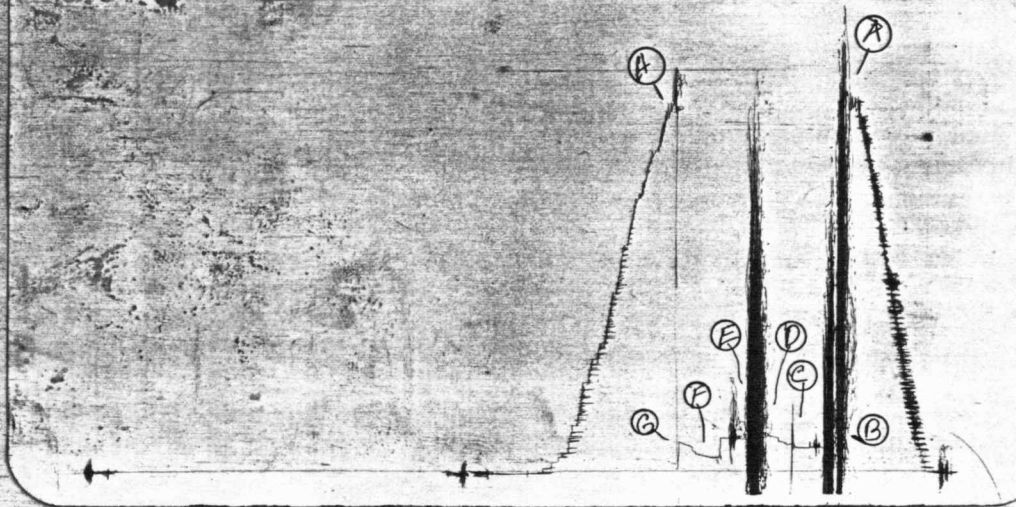
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2331</u>	P.S.I.	<u>7:45 P.M.</u>	
B First Initial Flow Pressure	<u>136</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>136</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>230</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>189</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>78</u>	P.S.I.		
G Final Closed-in Pressure	<u>168</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2329</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>5</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>0</u>		<u>0</u>	X	<u>0</u>	<u>78</u>
P 2	<u>5</u>	<u>3</u>		<u>5</u>		<u>3</u>	<u>78</u>
P 3	<u>10</u>	<u>6</u>		<u>10</u>		<u>6</u>	<u>78</u>
P 4	<u>15</u>	<u>9</u>		<u>15</u>		<u>9</u>	<u>83</u>
P 5	<u>20</u>	<u>12</u>		<u>20</u>		<u>12</u>	<u>87</u>
P 6	<u>25</u>	<u>15</u>		<u>25</u>		<u>15</u>	<u>93</u>
P 7	<u>30</u>	<u>18</u>		<u>30</u>		<u>18</u>	<u>99</u>
P 8	<u>35</u>	<u>21</u>		<u>35</u>		<u>21</u>	<u>141</u>
P 9	<u>40</u>	<u>24</u>		<u>40</u>		<u>24</u>	<u>152</u>
P10	<u>45</u>	<u>27</u>		<u>45</u>		<u>27</u>	<u>159</u>
P11	<u>50</u>	<u>30</u>		<u>50</u>		<u>30</u>	<u>168</u>
P12	<u>55</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13	<u>60</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

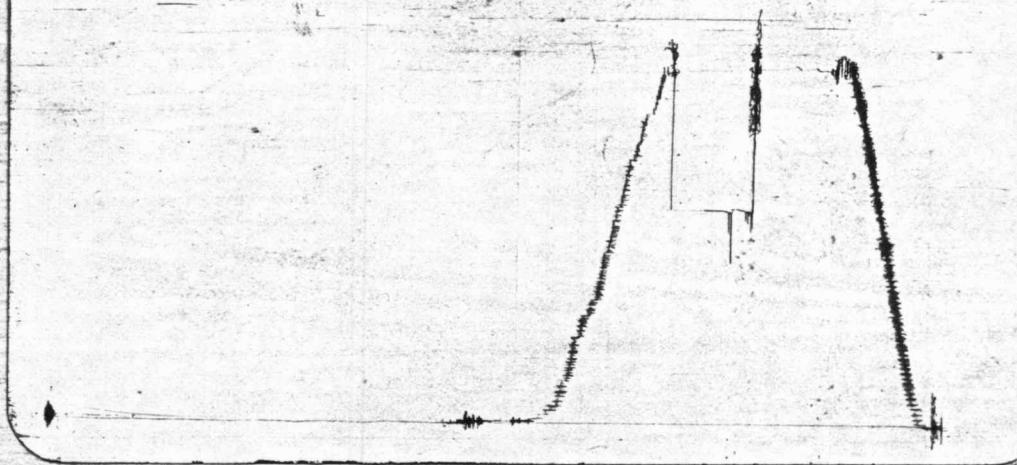
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Company Parrish Oil Company & H-30, Inc. Lease & Well No. Maier #2
 Elevation ----- Formation Mississippi Effective Pay --- Ft. Ticket No. 5299
 Date 2/6/80 Sec. 18 Twp. 20S Range 21W County Ness State Kansas
 Test Approved by Dean Britting Western Representative Dan Delaney

Formation Test No. 2 Interval Tested from 4368 ft. to 4388 ft. Total Depth 4388 ft.
 Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4363 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4384 ft. Recorder Number 10265 Cap. 4650
 Bottom Recorder Depth (Outside) 4388 ft. Recorder Number 6077 Cap. 4700
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor H-30 Rig #2 Drill Collar Length -- I. D. - in.
 Mud Type salt-My-Lo=Gel Viscosity 46 Weight Pipe Length 125 I. D. 2.7 in.
 Weight 9.6 Water Loss 12 cc. Drill Pipe Length 4222 I. D. 3.8 in.
 Chlorides -- P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.
 Jars: Make -- Serial Number -- Anchor Length 20 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: First flow strong blow decreasing to a weak blow. Second flow good blow decreasing to a weak blow.

Recovered 270 ft. of drilling mud
 Recovered ft. of
 Recovered ft. of PLUGGED ANCHOR
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 7:45 ~~AM~~ P.M. Time Started Off Bottom 9:45 ~~AM~~ P.M. Maximum Temperature 110°
 Initial Hydrostatic Pressure (A) 2331 P.S.I.
 Initial Flow Period Minutes 30 (B) 136 P.S.I. to (C) 136 P.S.I.
 Initial Closed In Period Minutes 30 (D) 230 P.S.I.
 Final Flow Period Minutes 30 (E) 189 P.S.I. to (F) 78 P.S.I.
 Final Closed In Period Minutes 30 (G) 168 P.S.I.
 Final Hydrostatic Pressure (H) 2329 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 2/6/80 Test Ticket No. 5299
 Recorder No. 10265 Capacity 4650 Location 4384 Ft.
 Clock No. ----- Elevation ----- Well Temperature 110 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2331</u> P.S.I.	Open Tool	<u>7:45P</u> M	
B First Initial Flow Pressure	<u>136</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>136</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>230</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>189</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>78</u> P.S.I.			
G Final Closed-in Pressure	<u>168</u> P.S.I.			
H Final Hydrostatic Mud	<u>2329</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 0 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 0 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 0 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1				0	78		
P 2				3	78		
P 3				6	78		
P 4				9	83		
P 5				12	87		
P 6				15	93		
P 7				18	99		
P 8				21	141		
P 9				24	152		
P10				27	159		
P11				30	168		
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 5300

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation _____ Formation MISSISSIPPI Eff. Pay _____ Ft.

District Co. GT. BEND Date 2-7-80 Customer Order No. _____

COMPANY NAME PARRISH & H-30, Inc

ADDRESS 110 N. Market Suite 201 Wichita Ks.

LEASE AND WELL NO. MAIER #2 COUNTY NESS STATE KS Sec. 18 Twp 20S Rge 21W

Mail Invoice To SAME No. Copies Requested 5

Co. Name _____ Address _____

Mail Charts To SAME No. Copies Requested 5

Formation Test No. 3 Interval Tested from 4368 ft. to 4388 ft. Total Depth 4388 ft.

Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4363 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4384 ft. Recorder Number 10265 Cap. 4650

Bottom Recorder Depth (Outside) 4388 ft. Recorder Number * 6079 Cap. 4700

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor H-30 RIG #2 Drill Collar Length _____ I. D. _____ in.

Mud Type SALT-MP-LO-JEN Viscosity 37 Weight Pipe Length 125 I. D. 2.7 in.

Weight 9.8 Water Loss 13.2 cc. Drill Pipe Length 4222 I. D. 3.8 in.

Chlorides _____ P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 20 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 1 1/2 in. Bottom Choke Size 1 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: 1ST FLOW WEAK BLOW BUILDING TO STRONG BLOW

2ND FLOW WEAK BLOW

Recovered 240 ft. of MUDDY SALT WATER

Recovered 780 ft. of SALT WATER (CHLORIDES 53000 P.P.M.)

Recovered 60 ft. of OILY SALT WATER

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: HEAD UNSCREWED ON FF PERIOD!

Time Set Packer(s) 12:25 AM. P.M. Time Started Off Bottom 2:55 AM. P.M. Maximum Temperature 109°

Initial Hydrostatic Pressure _____ (A) 2259 P.S.I.

Initial Flow Period _____ Minutes (B) 30 P.S.I. to (C) 312 P.S.I.

Initial Closed In Period _____ Minutes (D) 60 P.S.I.

Final Flow Period _____ Minutes (E) 30 P.S.I. to (F) 536 P.S.I.

Final Closed In Period _____ Minutes (G) 30 P.S.I.

Final Hydrostatic Pressure _____ (H) 2235 P.S.I.

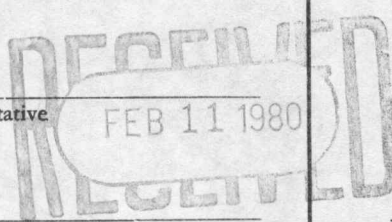
COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Dean Britting
Signature of Customer or his authorized representative

Western Representative Dan Delaney



FIELD INVOICE

Open Hole Test	\$ <u>550.00</u>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____
TOTAL	\$ <u>550.00</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 2-9-80 Recorder No. ~~6077~~ 6077 Capacity 4760 ~~4650~~ Test Ticket No. 5300 Location 4388 ~~4384~~ Ft. Elevation _____ Well Temperature 109 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2238</u>	P.S.I.	<u>12:25</u> M	
B First Initial Flow Pressure	<u>187</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>313</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1267</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>357</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>516</u>	P.S.I.		
G Final Closed-in Pressure	<u>1240</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2145</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
0	<u>187</u>	0	<u>313</u>	0	<u>357</u>	0	<u>516</u>
5	<u>187</u>	3	<u>1165</u>	5	<u>389</u>	3	<u>1156</u>
10	<u>200</u>	6	<u>1191</u>	10	<u>417</u>	6	<u>1188</u>
15	<u>221</u>	9	<u>1195</u>	15	<u>442</u>	9	<u>1205</u>
20	<u>258</u>	12	<u>1214</u>	20	<u>479</u>	12	<u>1214</u>
25	<u>288</u>	15	<u>1221</u>	25	<u>507</u>	15	<u>1221</u>
30	<u>313</u>	18	<u>1228</u>	30	<u>516</u>	18	<u>1225</u>
35		21	<u>1235</u>	35		21	<u>1229</u>
40		24	<u>1241</u>	40		24	<u>1234</u>
45		27	<u>1247</u>	45		27	<u>1236</u>
50		30	<u>1253</u>	50		30	<u>1240</u>
55		33	<u>1255</u>	55		33	
60		36	<u>1257</u>	60		36	
		39	<u>1259</u>	65		39	
		42	<u>1261</u>	70		42	
		45	<u>1263</u>	75		45	
		48		80		48	
		51		85		51	
		54	<u>1263</u>	90		54	
		57	<u>1265</u>			57	
		60	<u>1267</u>			60	

Company Parrish Oil Company & H-30, Inc. Lease & Well No. Maier #2
 Elevation -- Formation Mississippi Effective Pay --- Ft. Ticket No. 5300
 Date 2/7/80 Sec. 18 Twp. 20S Range 21W County Ness State Kansas
 Test Approved by Dean Britting Western Representative Dan Delaney

Formation Test No. 3 Interval Tested from 4368 ft. to 4388 ft. Total Depth 4388 ft.
 Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4363 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4384 ft. Recorder Number 10265 Cap. 4650
 Bottom Recorder Depth (Outside) 4388 ft. Recorder Number * 6077 Cap. 4700
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor H-30 Drilling Rig #2 Drill Collar Length -- I. D. - in.
 Mud Type salt-My-Lo-Gel Viscosity 37 Weight Pipe Length 125 I. D. 2.7 in.
 Weight 9.8 Water Loss 13.2 cc. Drill Pipe Length 4222 I. D. 3.8 in.
 Chlorides -- P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.
 Jars: Make -- Serial Number -- Anchor Length 20 ft. Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: First flow weak blow building to strong blow. Second flow weak blow.

Recovered 240 ft. of muddy salt water
 Recovered 780 ft. of salt water (chlorides 53,000 ppm)
 Recovered 60 ft. of oily salt water
 Recovered ft. of
 Recovered ft. of *READ OUTSIDE RECORDER

Remarks: The head unscrewed on Final Flow Period.

Time Set Packer(s)	A.M. P.M.	Time Started Off Bottom	A.M. P.M.	Maximum Temperature
<u>12:25</u>		<u>2:55</u>		<u>109°</u>
Initial Hydrostatic Pressure		(A) <u>2238</u>	P.S.I.	
Initial Flow Period	Minutes	<u>30</u>	(B) <u>187</u>	P.S.I. to (C) <u>313</u> P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D) <u>1267</u>	P.S.I.
Final Flow Period	Minutes	<u>30</u>	(E) <u>357</u>	P.S.I. to (F) <u>516</u> P.S.I.
Final Closed In Period	Minutes	<u>30</u>	(G) <u>1240</u>	P.S.I.
Final Hydrostatic Pressure		(H) <u>2145</u>	P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 2/7/80 Test Ticket No. 5300
 Recorder No. 6077 Capacity 4760 Location 4388 Ft.
 Clock No. ----- Elevation ----- Well Temperature 109 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	2238	P.S.I.	Open Tool	12:25	M
B First Initial Flow Pressure	187	P.S.I.	First Flow Pressure	30	Mins. 30 Mins.
C First Final Flow Pressure	313	P.S.I.	Initial Closed-in Pressure	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1267	P.S.I.	Second Flow Pressure	30	Mins. 30 Mins.
E Second Initial Flow Pressure	357	P.S.I.	Final Closed-in Pressure	30	Mins. 30 Mins.
F Second Final Flow Pressure	516	P.S.I.			
G Final Closed-in Pressure	1240	P.S.I.			
H Final Hydrostatic Mud	2145	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In		
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a		
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	0	187	0	313	0	357	0	516
P 2	5	187	3	1165	5	389	3	1156
P 3	10	200	6	1191	10	417	6	1188
P 4	15	221	9	1195	15	442	9	1205
P 5	20	258	12	1214	20	479	12	1214
P 6	25	288	15	1221	25	507	15	1221
P 7	30	313	18	1228	30	516	18	1225
P 8			21	1235			21	1229
P 9			24	1241			24	1234
P10			27	1247			27	1236
P11			30	1253			30	1240
P12			33	1255				
P13			36	1257				
P14			39	1259				
P15			42	1261				
P16			45	1263				
P17			48	1263				
P18			51	1263				
P19			54	1263				
P20			57	1265				
WTC - 4			60	1267				

TKT# 5300

0

6077

5300

